



BLACK & VEATCH Waste Science, Inc.

101 North Wacker Drive, Suite 1100, Chicago, Illinois 60606, (312) 346-3775, Fax: (312) 346-4781

USEPA/ARCS V
American Chemical Services (81-5HJ7)

BVWS Project 71680.620
September 29, 1995

Brigitte Manzke (MC-10J) & Denise Gawlinski (P-19J)
U.S. Environmental Protection Agency
77 W. Jackson Boulevard
Chicago, Illinois 60604

Subject: Work Plan



Dear Ms. Manzke/Ms. Gawlinski:

Enclosed is the work plan for community involvement support for the remedial design/remedial action at the American Chemical Services site, Work Assignment 81-5HJ7, USEPA Contract 68-W8-0064. Also enclosed are the supporting documents for the project budget. Estimated Breakdown of Level of Effort (LOE) and Dollar Costs by Activity, Optional Form 60, and Standard Form 1411.

The completion of the activities in this work plan is based on the LOE hours and estimated expenses outlined in the financial pages attached to this work plan. If the need for additional LOE hours or funds to cover related expenses arises, the USEPA will be notified and a budget revision request will be submitted to the USEPA contracting officer. No LOE hours or expenditures beyond those listed in this work plan will be expended without the approval of the USEPA work assignment manager and contracting officer.

If you need additional information, please contact the project manager, Mary Wenska, or me.

Sincerely,

BLACK & VEATCH Waste Science, Inc.

William C. Bruce
Program Manager

mh

Enclosures

cc: T. Lesser, USEPA w/enclosures
S. Bianchin, USEPA w/enclosures
C. Norman, USEPA w/enclosures
L. Magill, BVWS w/enclosures
M. Wenska, BVWS w/enclosures

Work Plan
for
Community Involvement Support
during the
Remedial Design/Remedial Action
at the
American Chemical Services Superfund Site
Griffith, Indiana

Prepared by
Black & Veatch Waste Science, Inc.

September 29, 1995

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1.0 Introduction

This document defines the scope of work and budget for providing community involvement support to the U.S. Environmental Protection Agency (USEPA) Region V in conjunction with remedial design/remedial action (RD/RA) for the American Chemical Services (ACS) site in Griffith, Indiana. Black & Veatch Waste Science, Inc. (BVWS), will provide support in accordance with the USEPA statement of work and the statutory requirements defined in the 1986 Superfund Amendments and Reauthorization Act (SARA).

1.1 Statement of Work

BVWS developed this work plan in accordance with the scope of work outlined in work assignment 81-5HJ7, USEPA contract 68-W8-0064. It includes the following tasks:

1. Project planning.
2. Community involvement plan.
3. Mailing list.
4. Fact sheets/updates.
5. Public meeting/availability session support.
6. Project management.

BVWS waived a kick-off meeting because the statement of work clearly outlined the work plan requirements.

1.2 Conflict of Interest

BVWS certifies that to the best of its knowledge, it has no organizational or personal conflicts of interest with respect to this work assignment.

1.3 Site Description and Background Information

The ACS Superfund site is located in Griffith, Indiana. The site includes the ACS property (19 acres), Pazmey Corporation property (2 acres), and the inactive portion of the Griffith Municipal Landfill (about 15 acres). ACS began as a solvent recovery facility in 1955 and later began manufacturing various chemicals. ACS still operates as a chemical manufacturer. The site was placed on the National Priorities List (NPL) in September 1984. The record of decision (ROD) was signed in September 1992.

2.0 Project Planning and Management Activities

This section describes Task 1--Project Planning and Task 6--Project Management, as listed in the statement of work in Section 1.1. Section 3.0 discusses tasks 2 through 5.

2.1 Project Planning

The work plan presents task descriptions, cost estimates, and projected work schedules for the planning and implementation of community involvement activities in conjunction with RD/RA at the ACS site. The BVWS project manager will work closely with the WAM to identify and address critical assumptions and answer questions regarding successful completion of this work assignment. Community involvement activities will be planned and conducted in accordance with EPA/540/R-92/009, *Community Relations in Superfund: A Handbook*, January 1992.

2.2 Project Management

BVWS will establish a staffing team to complete project management activities. The BVWS project manager is the primary contact for project management and will direct project management activities. Project management will include processing vendor invoices; review of weekly costs and schedule reports; preparation and submittal of monthly progress reports and limitation of funding notices; coordination of routine administrative duties, such as liaison with the WAM on assignment progress and quality control reviews; maintenance of project files; and work assignment closeout. For budget purposes, BVWS assumes this contract will be in effect through September 1997.

Monthly financial status reports will describe the following items:

- Project-to-date cumulative costs by task.
- Actual expenditures for the month.
- A comparison of actual versus planned expenditures.
- Projections of costs to complete each task authorized by the USEPA.

Monthly schedule status reports will delineate the following items:

- A list of project deliverables with planned and actual delivery dates.
- Reasons for variances from projected schedules.

The BVWS project manager will contact the WAM on a regular basis to discuss the status of the project. Additional meetings will be scheduled as needed to keep the WAM fully informed about project activities.

This work assignment will be closed out in accordance with USEPA requirements at the request of the WAM or project officer.

2.3 Quality Control

Quality Control will be carried out in accordance with the BVWS ARCS V *Quality Assurance Project Plan*, dated 1991. Community involvement and technical staff members, as appropriate, will review the following deliverables: work plan, draft and final revised community involvement plan, draft and final fact sheets and updates, draft and final illustrations, updated site mailing lists, and draft and final newspaper display advertisements.

3.0 Project Approach

This section describes the community involvement activities (Tasks 2 through 5 in the statement of work in Section 1.1) to be implemented during the RD/RA for the ACS site. Section 3.1 explains each community involvement activity; Section 3.2 lists the project deliverables and the deliverable schedule.

3.1 Community Involvement Activities

3.1.1 Community Involvement Plan

BVWS will prepare a draft and final revised community involvement plan (CIP). The CIP will include the following sections:

- Site background information, including location, description, and history.
- Community overview, including a community profile, concerns, and involvement.
- Community involvement objectives and planned activities with a schedule to accomplish those objectives.
- Mailing list of contacts and interested parties, including a media list.
- Names and addresses of the information repository(s) and public meeting locations.
- Acronym list.
- Glossary.

BVWS will review relevant background documents provided by the WAM to prepare for community interviews and completion of the CIP. BVWS will also make arrangements for community interviews and accompany the WAM on the interviews to provide logistical support. BVWS will arrange interviews with appropriate government officials (federal, state, county, township, and city), environmental groups, local broadcast and print media groups, and other relevant groups and individuals; the WAM will conduct the interviews.

BVWS will submit a draft CIP to the WAM within 30 calendar days after completion of the community interviews. BVWS will incorporate USEPA comments into the draft and produce a final CIP within 14 calendar days after receipt of USEPA comments.

3.1.2 Mailing List

BVWS will update and maintain the mailing list as needed. BVWS will provide USEPA a disk copy of the mailing list upon request. In addition, BVWS will provide mailing labels as requested by the WAM. For budgeting purposes, BVWS assumes the mailing list will contain approximately 200 names and will be updated 4 times. USEPA will mail information to the community.

3.1.3 Fact Sheets and Updates

BVWS will prepare up to four fact sheets or informational letters/updates pending ongoing activities at the site. At a minimum, BVWS will produce an RD completion fact sheet, an update fact sheet, an RA start fact sheet, and an RA completion fact sheet.

BVWS will research, write, edit design, and lay out and photocopy each fact sheet, adhering to the approved writing and format guidelines of the USEPA Region 5 Office of Public Affairs Superfund Community Involvement section. A draft fact sheet will be sent to the USEPA for review; USEPA comments will be incorporated into each final fact sheet.

BVWS will photocopy each fact sheet on recycled paper, making adequate copies to cover the site mailing list with 100 extras copies. Labels will be prepared for the site mailing list. BVWS will fold, staple, and address fact sheets and deliver them to the USEPA for mailing. The remainder of the fact sheets will be delivered to the WAM.

For budgeting purposes, BVWS assumes three fact sheets of up to six pages in length with two illustrations each, and one information update of up to two pages in length (one sheet--double-sided) with no illustrations.

3.1.4 Public Meeting/Availability Session Support

BVWS will make the following arrangements for four public meeting or availability sessions. BVWS will provide the following support:

- Prepare and place a newspaper advertisement in the announcing each meeting.
- Prepare visual aids, such as transparencies, slides, or handouts. For budgeting purposes, BVWS anticipates producing no more than ten slides for each meeting.

BVWS will place up to 5 newspaper advertisements in the most widely read local newspaper. Draft layouts for each advertisement will be submitted to the WAM for comment. BVWS will incorporate USEPA comments into the final advertisement and, with the approval of the WAM, place the advertisement.

Attachment 1 presents the expenses associated with public meeting/availability session support. BVWS assumes that no travel costs are associated with this task.

3.2 Deliverables and Schedule

Tasks performed under this work plan will coincide with the RD/RA at the ACS site. Exact dates for deliverables have not been determined, but are defined here in conjunction with anticipated technical milestones for the site. Changes to this schedule will be reported to the WAM in the monthly status reports.

The statement of work specifies the following project deliverables and associated schedule:

Deliverable	Schedule
Work plan	Within 30 days after work assignment receipt.
Draft Community Involvement Plan	Within 30 calendar days of interview completion.
Final Community Involvement Plan	Within 14 calendar days of receipt of USEPA a comments on the draft CIP.
Advertisements	10 calendar days before public meeting.
Fact Sheets/Updates	As requested by USEPA.
Mailing Lists/Labels	As requested by USEPA
Public Meeting Visual Aids	10 calendar days before public meeting.
Monthly Progress Reports	On the 20th of each month, if needed.

4.0 BVWS Personnel

Program Manager, Work Assignment 81-5HJ7

William Bruce, Program Manager
(312) 683-7846

Contractor Project Manager

Mary Wenska, Community Relations Manager
(312) 683-7838

Project Staff

Steven Lovisa, Community Relations Project Specialist
(312) 683-7857

Carol Carrier, Community Relations Project Assistant
(312) 683-7847

Vera Gavrilovic, Community Relations Project Assistant
(312) 683-7820

5.0 Interviews/Subcontractors/Consultants

BVWS does not anticipate the need to use subcontractors or consultants to complete this work assignment.

6.0 Exceptions to the Assignment

If unanticipated problems arise or the scope of work needs to be expanded, BVWS will notify WAM, project officer, and contracting officer. No work outside the tasks specified in this work plan will be performed without the approval of the contracting officer.

s:wenska\acs-cr\workplan + acs-cr disk

Attachment 1
Labor and Expense Breakdown by Activity
American Chemical Services Site--Work Assignment 81-5HJ7

<u>Task</u>	<u>P-Level</u>	<u>Hours</u>
1. Project Planning (Work Plan)	P-4	2
	P-3	24
	P-2	4
	0	4
2. Community Involvement Plan	P-3	40
	P-1	40
	0	12
<u>Expenses</u>		
Telephone: 30 calls @ \$2.00/call--\$60		
3. Mailing List	P-1	10
	0	16
<u>Expenses</u>		
Telephone: 20 calls @ \$2.00/call--\$40		
4. Fact Sheets (4)	P-3	56
	P-1	108
	0	24
<u>Expenses</u>		
Reprographics:		
Three, 6-page fact sheets @ \$.10/copy for 300 copies--\$540		
One, 2-page fact sheet @ \$.10/copy for 300 copies--\$60		
Computer Support:		
Graphics production and typesetting--60 hrs @ \$8/hr--\$480		
5. Public Meeting/Availability Support (4)	P-3	32
	P-1	64
	0	16
<u>Expenses</u>		
Meeting graphics: 40 slides (10 per meeting) @ \$25/each--\$1,000		
Telephone: 40 calls (10 per meeting) @ \$2.00/call--\$80		
Newspaper ads: 5 ads at an average cost of \$400/ad--total cost \$2,000		
6. Project Management (Monthly Reports and Project Closeout)	P-4	4
	P-3	16
	P-2	24
	0	16

Attachment 2
Labor and Expense Summary
American Chemical Services--Work Assignment 81-5HJ7

Labor

P-4	6
P-3	168
P-2	28
P-1	222

Total LOE Hours: 424

0	88
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Total Labor Hours: 512

Expenses

Other Direct Costs

Telephone \$180

- 90 calls @ \$2.00/call

Reprographics \$600

- 4 fact sheets covering a total of
20 pages for 300 copies @ \$.10/copy

Computer \$480

- Graphics development and
typesetting--60 hrs @ \$8/hr

Miscellaneous \$3,000

- Meeting presentation materials--40 slides
@\$25 each--\$1,000
- Newspaper ads-5 ads \$400/ad--\$2,000

Total Other Direct Costs: \$4,260

Total Expenses: \$4,260

Attachment 3
BVWS Personnel Resumés
American Chemical Services

Community Relations Specialist

MARY A. WENSKA

Black & Veatch Waste Science, Inc.

SPECIALTIES

- Community Relations
- Risk Communication
- Meeting Planning
- Speech Writing/Public Speaking

RELEVANT EXPERIENCE

Ms. Wenska is a professional communicator who specializes in the design, development, and implementation of community relations plans related to hazardous waste management. As the manager of the Black & Veatch Waste Science, Inc., community relations (CR) program, Ms. Wenska directs the implementation of CR activities at more than 25 Superfund sites and several military installations. She has extensive experience devising site-specific CR strategies, writing and producing fact sheets, setting up public meetings, coaching presentation speakers, managing project budgets, and coordinating staff to meet project deadlines.

Ms. Wenska has a broad base of experience with citizen groups and government officials at the local, state, and federal levels. In communities in and outside of the United States, she successfully managed CR activities involving education and quality-of-life issues. She also worked with industry seeking contracts with the Department of Defense, Department of Energy, and Sandia National Laboratory. In addition, she worked with professional agencies in the Albuquerque, NM, area to promote communication and cooperation among government, industry, and the military community. While in these positions, Ms. Wenska gained extensive speech writing and public speaking experience.

Ms. Wenska spent two years teaching English and public speaking skills to Japanese military members at the Japanese Army Intelligence School, Camp Kodaira, Tokyo, Japan.

Ms. Wenska specialized in the study of persuasion and organizational communication in her graduate work, with emphasis on analysis of organizational cultures and methods for conflict resolution within organizations.

EMPLOYMENT HISTORY

Black & Veatch Waste Science, Inc.: Community Relations Specialist, 1990-Present
Guest Associates Inc.: Administrative Assistant, 1988-1989
O'Fallon, IL School District #90: Administrative Assistant, 1984-1986
Japanese Ground Self-Defense Forces: English Guest Lecturer, 1982-1984
University of Southern California: MBA Extension Program Coordinator, 1981-1983
Central State University: Administrative Assistant, 1979-1980
Wright State University: Communication Lab Instructor, 1977-1978
University of Utah: MBA Extension Program Coordinator, 1972-1974

EDUCATION

M.A., Communication, University of New Mexico, 1990
B.A., Communication, Wright State University, 1978

SPECIALIZED TRAINING

Risk Communication Training, EPA Region V
40 Hour OSHA Health & Safety Training

AFFILIATIONS

National Association of Professional Environmental Communicators (NAPEC)
Toastmasters International

PUBLICATIONS

A Rhetorical Analysis of Gender Issues in the Organizational Culture of the Military Community, 1990.

Community Relations Specialist

STEVEN J. LOVISA

Black & Veatch Waste Science, Inc.

SPECIALTIES

- Community Relations
- Graphic Design
- Computer Network Operations/Maintenance
- Data Management

RELEVANT EXPERIENCE

Mr. Lovisa is a skilled communicator who assists in the design and development of community relations (CR) plans related to hazardous waste management. At Black & Veatch Waste Science, Inc., Mr. Lovisa specializes in graphic design, electronic publishing, and copy editing for CR projects involving several Superfund sites and military installations. He also uses his knowledge of computers to act as the computer liaison and support technician for the Chicago office.

Mr. Lovisa gained experience from his work in the publishing industry. He sharpened his skills for desktop publishing as the Advertising Production Manager for two engineering magazines at a major publishing company. He took charge of the layout and ad trafficking for each magazine, while he also increased his knowledge of computers and software applications. Mr. Lovisa is proficient in many applications including Autocad, CorelDraw, Freelance Graphics, Quark XPress, Lotus 1-2-3, and Wordperfect. He constantly challenges these skills by operating a small promotional corporation of his own.

Mr. Lovisa learned effective communication skills through his experience as a Customer Relations Agent at a large office equipment supplier. In customer relations, he improved his talents for conflict resolution, and learned technical troubleshooting while managing computer accounts.

Mr. Lovisa also learned much about effective communication through his academic studies. His studies concentrated on the cultural arena created by our evolving electronic mass media, and the new ways that these media allow us to access information. To supplement these studies, he minored in Psychology and Literature, and also completed courses in computer science, graphic arts, and advanced photography.

EMPLOYMENT HISTORY

Black & Veatch Waste Science, Inc.: Community Relations Specialist,
1994-Present

Cahners Publishing Company: Advertising Production Manager, 1993-1994

Quill Corporation: Customer Relations Agent, 1992-1993

EDUCATION

B.S., Media Studies, University of Illinois Champaign-Urbana, 1992

Community Relations Project Specialist

CAROL S. CARRIER

Black & Veatch Waste Science, Inc.

SPECIALTIES

- Project Administration/Record Keeping
- Document Production
- Mail Lists
- Editing

RELEVANT EXPERIENCE

Ms. Carrier is a senior secretary with over 19 years of secretarial/administrative experience. As the senior secretary in the Chicago office of Black & Veatch Waste Science, Inc., she oversees the office expense accounts, document production, and maintenance of the office files. As a community relations (CR) project specialist, she produces site mailing lists using dBase III, edits CR documents, and coordinates fact sheet development. Ms. Carrier also assists in document production using WordPerfect for Windows and Lotus 1-2-3 for Windows.

EMPLOYMENT HISTORY

Black & Veatch Waste Science, Inc.: Senior Secretary 2, 1990-Present
Marshall Field's Department Store: Executive Secretary, 1980-1990
Lazarus Department Store: Various Secretarial Positions, 1975-1980

EDUCATION

Franklin University, Secretarial Courses

Community Relations Project Specialist

VERA GAVRILOVIC

Black & Veatch Waste Science, Inc.

SPECIALTIES

- Wordprocessing
- Freelance Graphics
- Desktop Publishing
- Mail Lists

RELEVANT EXPERIENCE

Ms. Gavrilovic is a wordprocessor who specializes in software programs such as: WordPerfect® 5.1/5.2, Lotus 1-2-3®, Freelance Graphics®, QuarkXPress®, dBase III Plus®. As wordprocessor for the Black & Veatch Waste Science, Inc. community relations (CR) program, Ms. Gavrilovic produces fact sheets, presentation graphics, and mailing labels.

Ms. Gavrilovic has six years of experience as a division administrative assistant in a retail buying office. She accurately coordinated information from 15 managers into a consistent format for a divisional merchandise manager. Ms. Gavrilovic improved communication within the division and with other divisions throughout the store organization. She coordinated two student fashion design competitions. These competitions increased customer flow and sales figures.

EMPLOYMENT HISTORY

Black & Veatch Waste Science, Inc.: Wordprocessor, 1990-Present

Marshall Field's: Administrative Assistant to Divisional Merchandise Manager:
1984-1990

Apparel Center Fashion Office: Fashion Show Production Assistance, 1984

Hit or Miss: Sales Associate, Cashier, Stock Support, 1983-1984

The (Southtown) Economist Newspaper: Typist, Assistant to Editor, 1981-1984 (full-time, then part-time)

Red Lobster Inn, Kitchen Assistance, Hostess 1980-1983

EDUCATION

Associate of Applied Science Degree, Fashion Merchandising, International Academy of Merchandising and Design, Chicago, IL, 1984.

CONTRACT PRICING PROPOSAL COVER SHEET

1. SOLICITATION/CONTRACT/MODIFICATION NO. 63-W3-0064

FORM APPROVED OMB NO. 9000-0013

NOTE: This form is used in contract actions if submission of cost or pricing data is required. (See FAR 15.804-6(b))

2. NAME AND ADDRESS OF OFFEROR (Include ZIP Code)

BLACK & VEATCH Waste Science, Inc.
4717 Grand Avenue, Suite 500
Kansas City, Missouri 64112

3A. NAME AND TITLE OF OFFEROR'S POINT OF CONTACT

Mary A. Wenska, Site Mgr.

3B. TELEPHONE NO.

(312)
346-3775

4. TYPE OF CONTRACT ACTION (Check)

A. NEW CONTRACT

D. LETTER CONTRACT

B. CHANGE ORDER

E. UNPRICED ORDER

C. PRICE REVISION/
REDETERMINATION

X F. OTHER (Specify)
Work Plan

5. TYPE OF CONTRACT (Check)

☐ FFP ☐ CPFF ☐ CPIF ☐ CPAF
☐ FPI ☐ OTHER (Specify)

6. PROPOSED COST (A+B+C)

A. COST

\$ 28,723

B. PROFIT/FEE

\$ 2,354

C. TOTAL

\$ 31,077

7. PLACE(S) AND PERIOD(S) OF PERFORMANCE

Griffith, IN(08/95-

8. List and reference the identification, quantity and total price proposed for each contract line item. A line item cost breakdown supporting this recap is required unless otherwise specified by the Contracting Officer. (Continue on reverse, and then on plain paper, if necessary. Use same headings.)

A. LINE ITEM NO.	B. IDENTIFICATION	C. QUANTITY	D. TOTAL PRICE	E. REF.
	ARCS V REMEDIAL PLANNING ACTIVITIES American Chemical Services CR; Griffith, IN (#81-5HJ7) Request for approval of work plan.		\$ 31,077 (LOE 424)	

9. PROVIDE NAME, ADDRESS, AND TELEPHONE NUMBER FOR THE FOLLOWING (If available)

A. CONTRACT ADMINISTRATION OFFICE

Administration Services Mgmt. Area
Federal (Mart) Building
405 South Tucker Blvd., Room 5101
St. Louis, Missouri 63012-1181

B. AUDIT OFFICE

Defense Contract Audit Agency
St. Louis Branch Office
210 Tucker Blvd., North
St. Louis, Missouri 63103

10. WILL YOU REQUIRE THE USE OF ANY GOVERNMENT PROPERTY IN THE PERFORMANCE OF THIS WORK? (If "Yes," identify)

☐ YES ☒ NO

11A. DO YOU REQUIRE GOVERNMENT CONTRACT FINANCING TO PERFORM THIS PROPOSED CONTRACT? (If "Yes," complete Item 11B)

☐ YES ☒ NO

11B. TYPE OF FINANCING (If one)

☐ ADVANCE PAYMENTS ☐ PROGRESS PAYMENTS
☐ GUARANTEED LOANS

12. HAVE YOU BEEN AWARDED ANY CONTRACTS OR SUBCONTRACTS FOR THE SAME OR SIMILAR ITEMS WITHIN THE PAST 3 YEARS? (If "Yes," identify item(s), customer(s) and contract number(s))

☐ YES ☒ NO

13. IS THIS PROPOSAL CONSISTENT WITH YOUR ESTABLISHED ESTIMATING AND ACCOUNTING PRACTICES AND PROCEDURES AND FAR PART 31 COST PRINCIPLES? (If "No," explain)

☒ YES ☐ NO

14. COST ACCOUNTING STANDARDS BOARD (CASB) DATA (Public Law 91-379 as amended and FAR PART 30)

A. WILL THIS CONTRACT ACTION BE SUBJECT TO CASB REGULATIONS? (If "No," explain in proposal)

☒ YES ☐ NO

B. HAVE YOU SUBMITTED A CASB DISCLOSURE STATEMENT (CASB DS-1 or 2)? (If "Yes," specify in proposal the office to which submitted and if determined to be adequate)

☒ YES ☐ NO (See Box 9A July 29, 1982)

C. HAVE YOU BEEN NOTIFIED THAT YOU ARE OR MAY BE IN NON-COMPLIANCE WITH YOUR DISCLOSURE STATEMENT OR COST ACCOUNTING STANDARDS? (If "Yes," explain in proposal)

☐ YES ☒ NO

D. IS ANY ASPECT OF THIS PROPOSAL INCONSISTENT WITH YOUR DISCLOSED PRACTICES OR APPLICABLE COST ACCOUNTING STANDARDS? (If "Yes," explain in proposal)

☐ YES ☒ NO

This proposal is submitted in response to the RFP, contract, modification, etc. in Item 1 and reflects our best estimates and/or actual costs as of this date and conforms with the instructions in FAR 15.804-6(b) (2), Table 15-2. By submitting this proposal, the offeror, if selected for negotiation, grants the contracting officer or an authorized representative the right to examine, at any time before award, those books, records, documents and other types of factual information, regardless of form or whether such supporting information is specifically referenced or included in the proposal as the basis for pricing, that will permit an adequate evaluation of the proposed price.

15. NAME AND TITLE (Type)

William C. Bruce, Program Manager

16. NAME OF FIRM

BLACK & VEATCH Waste Science, Inc.

17. SIGNATURE

William C. Bruce

18. DATE OF SUBMISSION

9-29-95

Contract Pricing Proposal

(Research and Development)

BLACK & VEATCH Waste Science, Inc.		Work Assignment 81-5HJ7
4717 Grand Avenue, Suite 500		American Chemical Services CR
Kansas City, MO 64114		
Work Location:	Proposal Amount	Contract #
Griffith, IN	\$31,077	68-W8-0064

Description	Hours	Cost	Total Cost
3. Direct Labor			
P4	6	260	
P3	168	4,403	
P2	28	749	
P1	222	3,695	
T2	0	0	
T1	0	0	
0	88	1,401	
Total Direct Labor:	512		10,508
Total P-T Hours:	424		
4. Labor Overhead			13,955
5. Equipment			0
7. Travel			0
8. Subcontract			
Subcontract Pool		0	
			0
9. Other Direct Costs			4,260
9a. Fixed Rate Non-Fee Costs			0
10. Total Direct Cost and Overhead			28,723
11. General and Administrative Expense			0
13. Total Estimated Cost			28,723
14. Fee or Profit			2,354
15. Total Estimated Cost and Fee			31,077

Contract Pricing Proposal

(Research and Development)

BLACK & VEATCH Waste Science, Inc.		Work Assignment 81-5HJ7
4717 Grand Avenue, Suite 500		American Chemical Services CR
Kansas City, MO 64114		
Work Location:	Proposal Amount	Contract #
Griffith, IN	\$31,077	68-W8-0064

Exhibit A - Supporting Schedule

<u>Cost Element</u>				<u>Estimated Total Cost</u>
3. Direct Labor				
<u>Fiscal Year</u>	<u>P Grade</u>	<u>Hours</u>	<u>Rate</u>	
Cost to Date (as of 08-25-95)	P4	0		0
	P3	0		0
	P2	0		0
	P1	0		0
	T2	0		0
	T1	0		0
	0	0		0
1995	P4	2	40.78	82
	P3	60	25.40	1,524
	P2	8	25.13	201
	P1	60	16.00	960
	T2	0	23.33	0
	T1	0	16.02	0
	0	22	14.89	328
1996	P4	2	43.23	86
	P3	80	26.40	2,112
	P2	10	26.64	266
	P1	100	16.50	1,650
	T2	0	24.73	0
	T1	0	16.98	0
	0	33	15.78	521
1997	P4	2	45.82	92
	P3	28	27.40	767
	P2	10	28.24	282
	P1	62	17.50	1,085
	T2	0	26.21	0
	T1	0	18.00	0
	0	33	16.73	552
Totals		512		10,508

Contract Pricing Proposal

(Research and Development)

BLACK & VEATCH Waste Science, Inc.		Work Assignment 81-5HJ7
4717 Grand Avenue, Suite 500		American Chemical Services CR
Kansas City, MO 64114		
Work Location:	Proposal Amount	Contract #
Griffith, IN	\$31,077	68-W8-0064

Exhibit A - Supporting Schedule (Continued)

	<u>% Rate</u>	<u>Estimated Total Cost</u>
4. Labor Overhead		
Fringe	0.000	0
Overhead	1.328	<u>13,955</u>
		13,955
6. Equipment		0
7. Travel		0
8. Subcontract		0
Subcontract Pool		
9. Other Direct Costs		
ODC Outside Services		0
ODC Reprographics		600
ODC Supplies		0
ODC Mail/Courier		0
ODC Computer		480
ODC Telephone		180
ODC Relocation		0
ODC Laboratory		0
ODC Utilities		0
ODC Miscellaneous		<u>3,000</u>
		4,260
14. Fee or Profit		
Base Fee		862
Award Fee		<u>1,492</u>
		2,354

Ameche-cr.wk4/ o/50 #2